

GW 2

File No. ....

DUPLICATE

Top of Ground

(Elev. above sea level) 3800'T. 35 N R. 4 E S. 35  
County LibertySTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER NOV 15 1962**Notice of Completion of Groundwater  
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

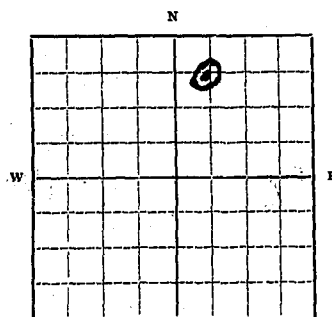
Owner Richard Hickman Address Chester, Mont.  
Driller B. M. Anderson Address Cut Bank, Mont.

Date of Notice of Appropriation of Groundwater .....

Date well started Oct 8-62 Date Completed Oct 20-62Type of well Drilled Equipment Used Rotary  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>7 7/8 to 14 1/2</u>	<u>6"</u>	<u>0</u>	<u>14 1/2'</u>			
<u>6 1/4 to 16 1/4</u>	<u>Sal.</u>	<u>To</u>	<u>14 1/2'</u>			
	<u>9.6"</u>	<u>14 1/2'</u>				

NW 1/4 NE 1/4 Sec. 35 T. 35 R. 4

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well ..... feet.

Shut-in Pressure for Flowing Well 8 pounds

Pumping Water Level ..... feet at ..... gal. per minute.

Discharge in gal. per min. of flowing well 1 1/2 gal.How Tested bucket Length of Test 1 min.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) .....

6" Casing Cemented w/  
6 Sal.Driller's License Number 120Driller's Signature B. M. Anderson  
by B. M. Anderson agent

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

3514

82738

STATE OF MONTANA, } ss.  
County of Liberty,

Filed Nov. 14 1912

at 11:50 o'clock 9 M.

Arthur D. Brewer  
County Clerk

By \_\_\_\_\_ Deputy

Fee \$ 2.00

## GROUNDWATER INDEX

Page 1 of 1

County Liberty

TWD 75K

Page 45

[illegible]

File No. ....

T. 35N R. 5E

DUPLICATE

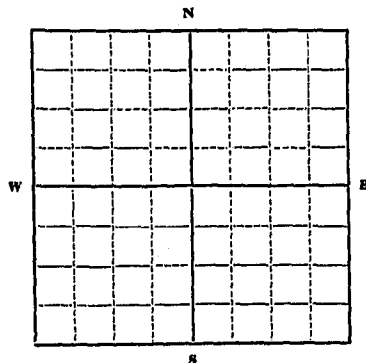
County Liberty

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1964

**Declaration of Vested Groundwater Rights**  
(Under Chapter 237, Montana Session Laws, 1961)

1. Lloyd H. Oswood, of Chester  
(Name of Appropriator) (Address) (Town)  
County of Liberty State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



~~N. 1/2~~ Sec. 6 T. 35N R. 5E

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based.....  
Domestic use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....1912 Approximately
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....5 Gallons Per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....  
Not used for Irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
Hand Pump with Cylinder & Rods
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....Originally Dug in 1912
8. The depth of water table.....5 1/2 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....9 Feet Deep - 4 Ft in Diameter, Rock Curbing. Withdrawn with hand pump with Cylinder & Rod System
10. The estimated amount of groundwater withdrawn each year.....15,000 Gallons
11. The log of formations encountered in the drilling of each well if available.....Not Available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....Not Available

Signature of Owner. Lloyd H. OswoodDate.....Dec. 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

2455'

84266

STATE OF NEW YORK  
County of ...  
Dec. 27 18 63  
4:50 P. M.  
Given Under  
By *Alvin Thibault*  
Fee \$ 2.00

Doc. No.

91474

Approved Stock Form—State Publishing Co., Helena, Montana—40472

File No.

Filed for record

this 24 day of

MONTANA WATER RESOURCES BOARD

DUPLICATE

A. D. 19 71, at

RECEIVED

o'clock P M.

AUG 25 1971

T 35 N R 5 E 15

County Liberty

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

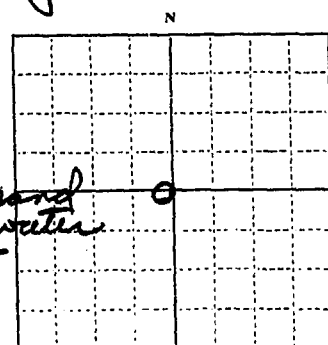
Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Miessner Ranch Address Chester, MontDriller Aikins Drilling Address Shelby, MontDate of Notice of Appropriation of Groundwater July 27-71Date well started 4-28-71 Date Completed 5-31-71Type of well Drilled Equipment Used Churn  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Slot Size	From (Feet)	To (Feet)
5 1/2"	5 1/2-15 lb	0	75'	Slot	68'	78'
Installed Johnson Screen #16 from 75' to 85'						



Center

1/4 Sec. 15. T. 35 N. R. 5 E

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

100 ft exact depth of bottom.

Static Water Level for non-flowing Well 52' feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 75' feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested Pump Length of Test 2 hr

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation DomesticStock WaterDriven Pipe & Gravel PackContractor # 99

Driller's License Number

Harold Aikins

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

48936

91474

STATE OF MONTANA, } ss.  
County of Liberty,

Filed August 24, 19 71

at 3:40 o'clock P.M.

Sara Leimbigner  
County Clerk

By \_\_\_\_\_

Deputy

Fee \$ 2.00

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Meissner Ranch

Address Chester, Mont.

Date well started Feb. 2, 1973

completed March 23, 1973

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

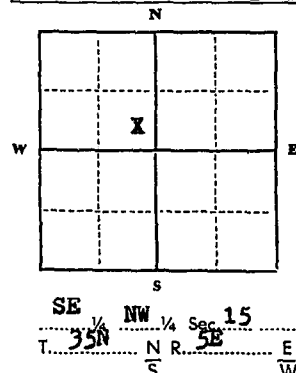
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 523600

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS	From (Feet)	To (Feet)
7 7/8"	7"	0	121	none		
7"	5 1/2"	0	212	none		
5 1/2"	4" PVC	200	460	slotted	400	460



INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES

Driller's Signature

Driller's Address Shelby, Mont.

Box 677

LICENSE NO. 99

County Liberty

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

4000

From (Feet)	To (Feet)	
0	10	Clay
10	20	Gravel
20	90	Clay & sand
90	105	Clay & sand
105	115	Shale
115	117	sand water 2 gal per min
117	135	Gray shale
135	185	Gray shale
185	186	Red Shale
186	210	Gray shale
210	215	Gray sand
215	275	Gray shale
275	285	Dark shale
285	292	Gray shale
292	305	Gray sand
305	325	Gray shale
320	460	Gray sand Eagle water

Static water level 291 ft.\*  
Pumping water level 341 ft.\*  
at 10 gallons per minute,  
measured 60 minutes after pumping  
began.

\*Measured from ground level.

Well developed by Bailing

for 2 hours.

Power..... Pump..... HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

Cemented 5 1/2 10sx

460

Show exact depth of bottom

53,122



93199

STATE OF MONTANA, } ss.  
County of Liberty,

Filed May 9, 19 73

at 3:30 o'clock P. M.

Dora Zumbiguel  
County Clerk

By \_\_\_\_\_ Deputy

Dec 2 00

File No. ....

T 35N R 5E

DUPLICATE

County Liberty

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

DEC 26 1963

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 287, Montana Session Laws, 1961)

Top of Ground  
(Elev. above sea level.....)

0 4 ft. - Surface Soil  
4 13 ft. - Yellow Clay & Gravel  
13 15 ft. - Gravel & Small Water  
15 70 ft. - Blue Clay  
70 80 ft. - Quick Sand & Gravel  
& Water - 7 Gals.  
per Minute  
80 100 ft. - Blue Clay

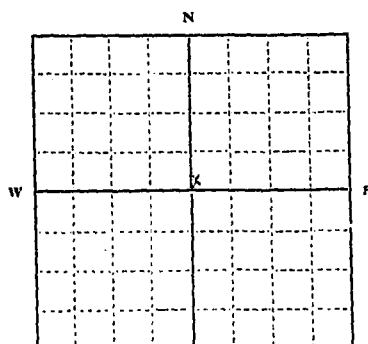
Owner Meissner Brothers Address Chester, MontanaDriller Orville Jacobson Address Chester, MontanaDate of Notice of Appropriation of Groundwater March 1962Date well started February '62 Date Completed March 1962

Type of well SEMI-ARTESIAN Equipment Used Cable Tools  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 In.	Galvanized	1 ft. above Ground	99 ft.	Shot	40	97
	9 In. Hole Gravel Pack					
	Surface Cemented					



N 1/4 Sec. 15 T 35N R 5E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 85 ft. water in feet.  
Hole

Shut-in Pressure for Flowing Well .....

Pumping Water Level 70 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well .....

How Tested Bailer Length of Test 2 Hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) .....

Not used for Irrigation

42  
Driller's License Number

Orville Jacobson  
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

229

84212

STATE OF MONTANA. } ss.  
County of LIBERTY,

Filed Dec 23 1963

at 3:35 o'clock P. M.

Robert Greiner  
County Clerk

By 62 Deputy

Fee \$ 2.00

File No. ....

T. 35N R. 5E

DUPLICATE

County—Liberty

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECORDED  
JAN 6 1964

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Harold Jensen and Ole Jensen, of Chester,  
(Name of Appropriator) (Address) (Town)  
County of Liberty State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

No. 1	2								
No. 2	1								
No. 3									

SW 1/4 Sec. 19 T. 35N R. 5E

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

- The beneficial use on which the claim is based. No. 1—Stock Use. No. 2—Stock Use. No. 3—Domestic Use.
- Date or approximate date of earliest beneficial use; and how continuous the use has been. No. 1—1948 Continuously; No. 2—1953—Continuously; No. 3—1960—Continuously.
- The amount of groundwater claimed (in miner's inches or gallons per minute). No. 1—20 Gallons Per minute. No. 2—Approximately 20 Gallons Per Minute. No. 3—also 20 Gallons Per minute.
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Not Used for Irrigation—Used for yard, Garden and Trees from No. 3.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. No. 1—Cylinder & Rods—No. 2—Cylinder & Rods—No. 3—Jet Pump System.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. No. 1—1948; No. 2—1953; No. 3—1960.
- The depth of water table. No. 1—Surface; No. 2—at Surface; No. 3—Approximately 7 Feet. During moist seasons all wells flow.
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. No. 1—56 Feet Deep, 6 In. Galvanized Iron Cylinder & Rods for Withdrawal; No. 2—55 feet Deep, 6 In. Galvanized Iron casing, Cylinder & rods withdrawal; No. 3—55 feet deep, Galvanized Iron casing, Jet Pump System.
- The estimated amount of groundwater withdrawn each year. No. 1 & 2—Approximately 600,000 gal. No. 3—500,000 Gallons.
- The log of formations encountered in the drilling of each well if available. Not Available.
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Not Available.

Signature of Owner

Date Dec. 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24584

84310

SPRINGFIELD, CONNECTICUT  
 OFFICE OF THE  
 REGISTRAR OF DEEDS  
 FEB 20 1963  
 3:30 P. M.  
 Gilem Greenes  
 Clara Zimberg  
 200

File No. ....

T. 35 N. R. 5 E

DUPLICATE

County. ....

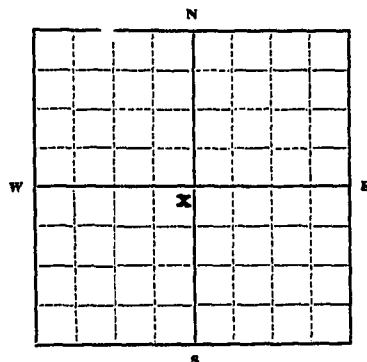
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lillian H. Jeppesen, of Chester (Town)  
(Name of Appropriator) (Address)  
County of Liberty State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 SW Sec. 20 T. 35 R. 5

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based Livestock and grain
3. Date or approximate date of earliest beneficial use; and how continuous the use has been drilled and used about ten years
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal gasoline operated electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well was drilled about 10 years ago
8. The depth of water table 17 to 20 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater About 100 ft.
10. The estimated amount of groundwater withdrawn each year 100,000 gals.
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Lillian H. Jeppesen

Date

12/30/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24557

84281

STANDARD  
COUNTY  
FD-1 Dec. 30 1963  
at 10:20  
Gilead Greiner  
Alfred Thompson  
200

File No. ....

T. 35-R

DUPLICATE

County. Liberty

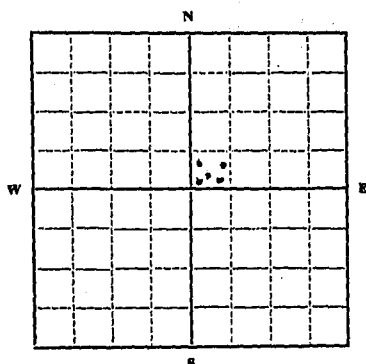
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECORDED  
DEC 23 1963  
STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lillian H. Jeppesen, of Chester Montana  
(Name of Appropriator) (Address) (Town)  
County of Liberty State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NW 20 Sec. 20 T. 35 R. 5 N

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based Livestock and grain.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Last well drilled about 10 years ago. The other about 20 years. Springs have been in use since the land was homesteaded.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal. each.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.  
One submergible pump and one electric pump.  
Springs are artesian.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Last well drilled about 10 yrs ago the other one 20 have been in continuous use. The springs were developed when land was homesteaded and used all the time.
8. The depth of water table. 17 to 20 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. two wells are between 250 and 300 feet.  
Springs between 12 - 15 feet.
10. The estimated amount of groundwater withdrawn each year. Approx 600,000
11. The log of formations encountered in the drilling of each well if available. none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner. Lillian H. Jeppesen

Date. 12/20/65

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

11582



84179

ST. LOUIS, MO. SE  
FILED Dec 20 1963  
at 12:18 P. M.  
Aileen Greiner  
County Clerk  
By \_\_\_\_\_  
Fee \$ 2.00 Deputy

File No. ....

T. 35N R. 5E.

DUPLICATE

MONTANA WATER RESOURCES BOARD

RECEIVED

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

County Liberty

Top of Ground

APR 16 1969

(Elev. above sea level.....)

**Notice of Completion of Groundwater  
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

0 - 2 ft. Surface Soil  
 2 - 4 ft. Sandy Clay & Gravel  
 4 - 10 ft. Yellow Sandy Clay  
 10 - 14 ft. Gray Clay  
 14 - 28 ft. Blue Shale & Sand and Gravel & Water  
 28 - 38 ft. Brown Clay

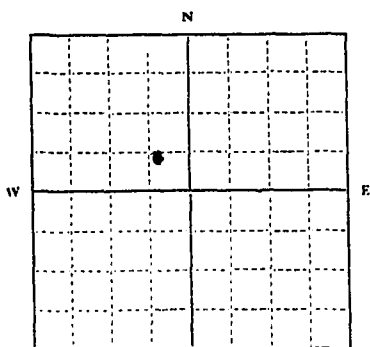
Owner Lillian Jeppesen Address Chester, Montana  
 Driller Orville Jacobson Address Kremlin, Montana  
 Date of Notice of Appropriation of Groundwater April 8, 1969  
 Date well started 4/8/69 Date Completed 4/11/69

Type of well Churn Drilled Equipment Used Cable Tools  
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐  
 Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8 in.	7 in. 14# Steel	18 in. Above Surface	38 ft.	Slot	16 ft.	38 ft.
Gravel Packed from 4 ft. to 38 ft. 1 and 2/3rds Yards				Cemented from 0 to 4 ft. - 2 sacks		



SE 1/4 NW 1/4 Sec. 20 T. 35N R. 5E.

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well Surface feet.

Shut-in Pressure for Flowing Well .....

Pumping Water Level 30 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well .....

How Tested Bailer Length of Test 2 Hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) .....

Driller's License Number 42

Orville Jacobson  
 Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

45,148

89211

STATE OF MONTANA  
County of Liberty.

Filed April 15 1969

at 1:50 o'clock P.

Gideon Greiner  
County Clerk

By Nora Lembignier  
Deputy

Fee \$ 2.00

Form No. 18  
8-60

T. 35 R. 5E

County Liberty

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1962

WATER WELL LOG

STATE ENGINEER


Owner John A. Cicon Address Chester, Montana

Driller \_\_\_\_\_ Address \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed 1951

Location: Sec. 20 T. 35 R. 5  $\frac{1}{4}$  sec. NW 1/4  
2 wells on the above land

Type of well drilled Equipment used drill  
(Dug, driven, bored, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing: 1 ft. to 75 ft. Type Galvanized Size 6"

Casing: 1 ft. to 75 ft. Type Galvanized Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or ~~screened~~: Ft. 1 to ft. 30. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static Water level, for non-flowing well: \_\_\_\_\_ feet.

Shut-in pressure, for flowing well: 20 each lb./sq. in. on: \_\_\_\_\_  
(date)

Pumping water level flowing wells ~~xxx~~ at 3 gal. per min. \_\_\_\_\_

How tested: \_\_\_\_\_

Length of test 24 hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Form No. 18  
8-60

21

T. 35 R. 5E

County Liberty

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1962

STATE ENGINEER

WATER WELL LOG


Owner John A. Clcon Address Chester, Montana

Driller \_\_\_\_\_ Address \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed 1955

Location: Sec. 21 T. 35 R. 5  $\frac{1}{4}$  sec. SW $\frac{1}{4}$  SE $\frac{1}{4}$

Type of well Drilled Equipment used drill  
(Dug, driven, bored, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing: 1 ft. to 180 ft. Type heavy casing Size 8"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or ~~screened~~: Ft. 1 to ft. 40. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static Water level, for non-flowing well: \_\_\_\_\_ feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_  
(date)

Pumping water level \_\_\_\_\_ feet at 4 gal. per min. \_\_\_\_\_

How tested: \_\_\_\_\_

Length of test 48 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, dept' of shut-off)

(over)

File No. ....

T. 35 N. R. 5 E. M. M.

APR 20 1966

DUPLICATE

County Liberty

Bille \_\_\_\_\_ McDermott \_\_\_\_\_  
 Butcher \_\_\_\_\_ McNulty \_\_\_\_\_  
 Coyne \_\_\_\_\_ McQuinn \_\_\_\_\_  
 Darlington \_\_\_\_\_ Sullivan \_\_\_\_\_  
 Dickert \_\_\_\_\_

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 27, Montana Session Laws, 1966)

Top of Ground  
 (Elev. above sea level.....)

0 - 4 Surface Soil

4 - 10 Clay &amp; Gravel

10 - 30 Yellow Clay

30 - 71 Gray Clay

71 - 73 Hard Shell

73 - 82 Gray Shale

82 - 85 Sand Streak & Shale  
 Water 3 Gal. Per Water Use:  
 Minute

85 - 110 Gray Shale

Owner John Cicon Address Chester MontanaDriller Orville Jacobson Address Kremora MontanaDate of Notice of Appropriation of Groundwater 3/23/66Date well started 3/23/66 Date Completed 3/29/66

Type of well Bored Equipment Used Cable Tools  
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)

Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐  
 Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7-in. O.D.	17-lb. 50 foot Iron Pipe	2-ft. above ground	73 ft.			

Cemented with 5 sacks of cement and 3/4th  
 yard of pea gravel to 73 feet.

Static Water Level for non-flowing Well to ground surface.

Shut-in Pressure for Flowing Well .....

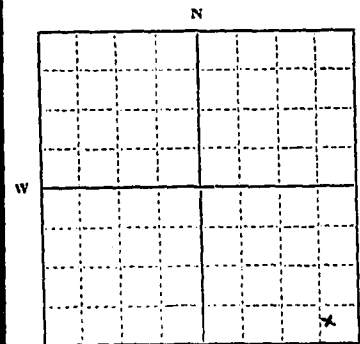
Pumping Water Level 75 ft. feet at 3 gal. per minute.

Discharge in gal. per min. of flowing well .....

How Tested Bailer Length of Test 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) .....



SE 1/4 Sec. 21 T. 35 N. R. 5 E.

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

42  
 Driller's License Number

*Orville Jacobson*  
 Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

40988

87011

STATE OF MONTANA } 23  
County of Liberty,

Filed 4-18 19 66

at 4:40 o'clock P. M.

Gideon Greener  
County Clerk

By Dave Thompson  
Attorney

Fees \$ 2.00

File No. ....

STATE WATER CONSERVATION BOARD

T. 35N. R. 5 E. M. M.

DUPLICATE

APR 20 1966

County Liberty 28

Billed McDermott STATE OF MONTANA  
 Butcher ADMINISTRATOR OF GROUNDWATER CODE  
 Co. Morton OFFICE OF STATE ENGINEER  
 Driller Sullivan  
 Dickey

Top of Ground

(Elev. above sea level.....)

### Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0 - 4 Surface Soil  
 4 - 20 Yellow Sandy Clay  
 20 - 30 Gray Clay  
 30 - 50 Gray Sandy Clay  
 50 - 59 Gray Clay  
 59 - 61 Sand & Water

Owner John Cicon Address Chester, MontanaDriller Orville Jacobson Address Kremlin, MontanaDate of Notice of Appropriation of Groundwater 3/16/66Date well started 3/16/66 Date Completed 3/21/66

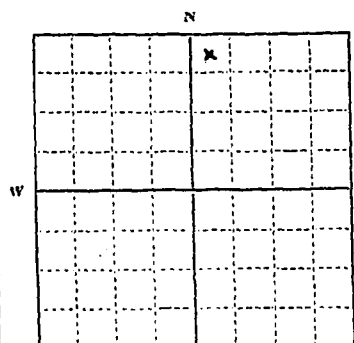
Type of well Cable Tools Equipment Used Cable tools  
 (dug, driven, bored or (Churn, drill, rotary or  
 drilled) other)

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐  
 Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7-In. O.D.	17-lbs. to foot Iron Pipe	2-ft. above ground	59	None		

Cemented with 10 Sacks of Cement and 14 Yard of Pea Gravel to 59 feet.



NE 1/4 Sec 28 T35N R5E.

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well.....feet.

Shut-in Pressure for Flowing Well.....30 Pounds per in.

Pumping Water Level.....feet at.....gal. per minute.

Discharge in gal. per min. of flowing well.....25 Gallons Per min.

How Tested.....Natural Flow Length of Test.....2 Days

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).....

42  
Driller's License NumberOrville Jacobson  
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

40989



87012

STATE OF MONTANA, } ss.  
County of Liberty,

Filed 4-18, 19 66

at 4:40 o'clock P. M.

Gilbert Greener  
County Clerk

By Glenn Heimbach  
Deputy

Fee \$ 2.00

File No. ....

T. 35 R. 5 E

DUPLICATE

County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

DEC 23 1963  
STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

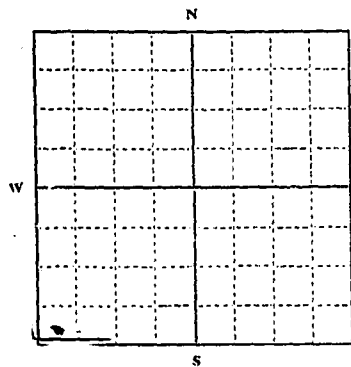
Owner William H. Heppesen Address Chester, Montana

Contractor (if any) none

Address of Contractor .....

Date Started..... Date Completed 20 yrs

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 8 feet.



SW 1/4 Sec 30 T. 5 S. R. 5 E.  
Indicate point of appropriation  
and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. About

4 months. Used for summer pasture.

Signature of Owner William H. Heppesen

Date 12 / 63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

84180

STATE OF MONTANA } ss.  
COUNTY OF DEER

dated Dec. 20 1963

at 12:19 P. M.

Aileen Greiner  
County Clerk

By \_\_\_\_\_ Deputy

Fee \$ 2.<sup>00</sup>

## GROUNDWATER INDEX

Page        of       

County Liberty Twp. 35 N Rge. 6 E

[illegible]

File No. ....

T. 35 N. R. 6 E. S. 3

DUPLICATE

County Liberty

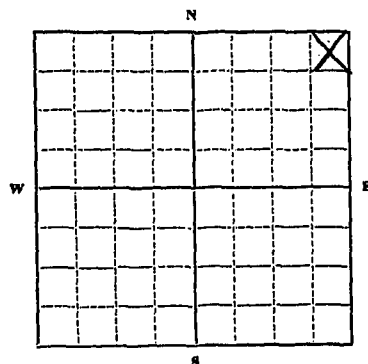
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth Tempel of North Chester  
(Name of Appropriator) (Address) (Town)  
County of Liberty State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 3, T. 35 N. R. 6 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based.....Stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....Fifteen years
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....10 gal
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....Cylinder Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
8. The depth of water table.....100 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....150 feet
10. The estimated amount of groundwater withdrawn each year.....350,000.00 gal
11. The log of formations encountered in the drilling of each well if available.....Unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner Kenneth TempelDate Dec 30 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24577

84303

STATE OF NEW YORK  
County of Albany

Filed Dec. 30, 1963

at 1:20 o'clock P.M.

Gilbert Greener  
County Clerk

By Alfred Thompson  
Attorney

Fee \$ 2.00

File No. ....

T. 35 N 6 E

DUPLICATE

County Liberty

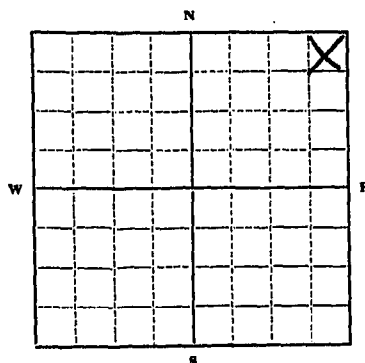
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 8 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth Tempel of North Chester  
(Name of Appropriator) (Address) (Town)  
County of Liberty State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 3 T. 35 N. R. 6

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Eleven and more

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gal minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 2 acres self

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater starting to twelve feet three years ago

8. The depth of water table six feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

10. The estimated amount of groundwater withdrawn each year 500 000

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Kenneth Tempel  
Date Dec 30 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24576

84302

dec 30 63  
1:20 P  
Gilem Greiner  
Mora Hernandez  
Fee \$ 2.00



GW 3

File No. ....

DUPLICATE

T. 35N R. 6 E.

County Liberty

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 10 1963

STATE ENGINEER

**Notice of Completion of Groundwater Appropriation Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Fall of 1940

Owner J. H. McDowell Address Chester

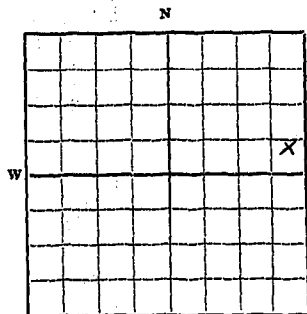
Contractor (if any) None

Address of Contractor .....

Date Started Fall of '40 Date Completed Fall of '40

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. While Dozing out a reservoir

I construct this spring



N.E. 1/4 Sec. 12 T. 35 R. 6

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Approximately 5 Gallons per minute used only for stock water

Signature of Owner J. H. McDowell

Date Dec. 9, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

84065

STATE OF MONTANA, } ss.  
County of Liberty, }

Filed Dec. 9, 1963

at 3:10 o'clock P. M.

Gilbert Greiner  
County Clerk

By Alvin Shumaker  
Deputy

Fee \$ 2.00

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38687

File No. ....

T. 35 N R. 6 E

DUPLICATE

County Liberty

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

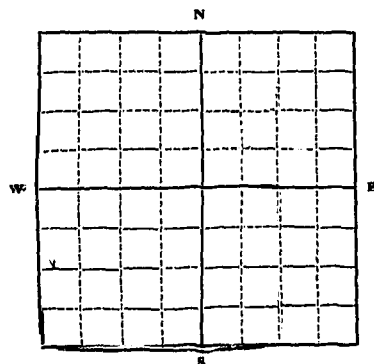
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
NOV 26 1963

STATE ENGINEER

Melvin Schaefer, of Chester  
(Name of Appropriator) (Address) (Town)  
County of Liberty State of Mont  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 15 T. 35 R. 6 E

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based  
Household & Livestock

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been 1959  
Continuous

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 10 gals

5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
none

6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal  
submersible pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater continuous

8. The depth of water table 500 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater  
drilled 6" casing 800 ft deep

10. The estimated amount of groundwater withdrawn each year 15,000 25,000

11. The log of formations encountered in the drilling of each well if available  
continuous

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record  
continuous

Signature of Owner Melvin SchaeferDate 11/20/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is  
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau  
of Mines and Geology, and Quadruplicate for the Appropriator.

7496

83957

STATE OF CALIFORNIA  
County of Los Angeles

Filed Nov 21 1963

at 2:00 P.M.

Julius Greiner

By David H. Hunsberger

Fee \$ 2.00

File No. ....

T. 35 N 6 E

DUPLICATE

County Liberty

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

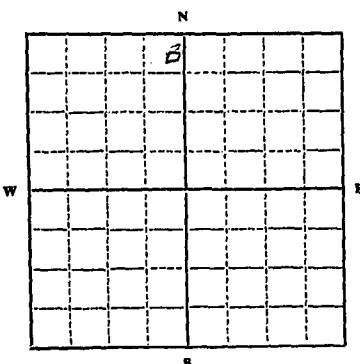
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 10 1963

STATE ENGINEER

1. Edwin Gunderson, of Chester  
(Name of Appropriator) (Address) (Town)  
County of Liberty State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec 23 T. 35 R. 6

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based Livestock  
house and spraying

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been Sept. 20, 1943  
ever since

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 2.0 gal a minute

5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal steel rods  
in well and a electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater Sept. 20, 1943

8. The depth of water table The well is 200 ft deep, water comes within 50 ft from  
top of ground.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater The well is 200 ft deep, water comes within  
50 ft from top of ground, 200 ft in casing, two inch pipe and 200 ft deep

10. The estimated amount of groundwater withdrawn each year 60,000 gal

11. The log of formations encountered in the drilling of each well if available clay, sand rock  
and sand

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record

Signature of Owner Edwin Gunderson

Date Dec 9, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is  
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau  
of Mines and Geology, and Quadruplicate for the Appropriator.

84061

STATE OF MONTANA, } ss.  
County of Liberty,

Filed Dec 9 1963

at 11:35 o'clock A. M.

Gilbert Greener  
County Clerk

By Law Thompson  
Deputy

Fee \$ 2.00

File No. ....

DUPLICATE

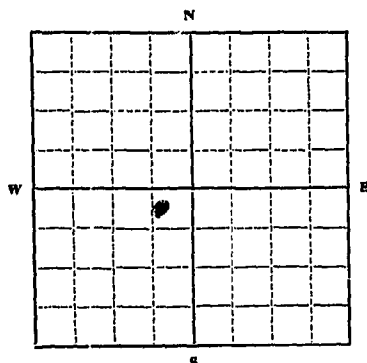
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

35 N 6 E 20  
T. 35 N R. 6 E  
County Liberty  
RECEIVED  
JAN 6 1964  
STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Martin Spicher, of Hingham  
(Name of Appropriator) (Address) (Town)  
County of \_\_\_\_\_ State of \_\_\_\_\_  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 SE Sec 20 T35 R. 6

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based. Livestock and grain
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1910 since that time
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 15 gallons
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1910
8. The depth of water table. 30 to 40 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. drilled well 100 feet deep 6 in casing 2" pipe
10. The estimated amount of groundwater withdrawn each year. 250 000 gal
11. The log of formations encountered in the drilling of each well if available. none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. none

Signature of Owner

Martin Spicher  
Date Dec 30 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

27568

84294

2000 5 1 7  
County

Dec. 30 1863

12:15 9. In

Gideon Greiner

Alma Thibierge

200



GW

Approved Stock Form—State Publishing Co., Helena, Montana—38687

File No. ....

T. 25 N. R. 6 E.

DUPLICATE

County Liberty

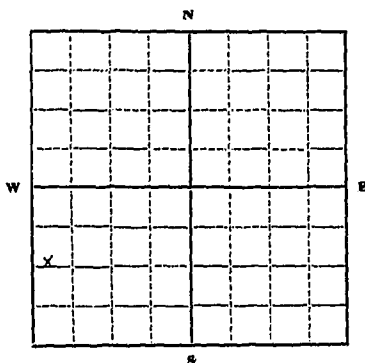
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
NOV 26 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

William Schaffer, of Chester  
(Name of Appropriator) (Address) (Town)  
County of Liberty State of Mont.  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S. 1/4 Sec. 26 T. 25 N. R. 6 E.

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based Household + Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1956  
Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gal. per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
suction pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater unknown

8. The depth of water table 12 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
drilled 4" casing 15 ft. deep

10. The estimated amount of groundwater withdrawn each year 18,250 gal.

11. The log of formations encountered in the drilling of each well if available  
unknown

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record unknown

Signature of Owner William Schaffer

Date 11/20/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

7497.

83958

STATE OF MONTANA } ss.  
County of Liberty.

Filed Nov 21, 1963

at 2:00 o'clock P. M.

John W. Greiner  
County Clerk

By John W. Greiner  
Deputy

Fee \$ 2.00

35 N 6 E

32



# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

THOMAS L. JUDGE, GOVERNOR  
GARY WICKS, DIRECTOR

MEMBERS OF THE BOARD  
JOSEPH W. SABOL, CHAIRMAN  
DEAN HANSON  
RILEY OSTBY  
HERBERT HUENNEKENS

449-2611  
325 FULLER AVENUE  
P.O. BOX 217  
HELENA, MONTANA 59601

March 30, 1973

Water Conservation Board  
Water Resources Engineer  
Sam W. Mitchell Building  
Helena, Montana 59601

Dear Sir:

Enclosed you will find a copy of a release agreement for the utilization of a fresh water well.

Operator Bridger Petroleum Corporation

Meissner Ranches Lease

Well No: 1 Section 32, Township 35 North, Range 6 East

Yours very truly,

*Donald E. Chisholm*  
Donald E. Chisholm  
Acting Administrator

DEC/ml

cc: Mr. W. Bond  
Bureau of Mines and Geology  
Butte, Montana 59701

RECEIVED

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

PRINTED ON 100% RECLAIMED PAPER

APPROVED BY:

Board of Oil and Gas Conservation

*Joseph W. Sabol*  
Petroleum Engineer, Geologist, or Administrator

Dated: *Mar. 22*, 19 *73*.



52,794



BOARD OF OIL AND GAS CONSERVATION  
OF THE STATE OF MONTANA  
RELEASE AGREEMENT



KNOW ALL MEN BY THESE PRESENTS, that I, Meissner Ranches, Inc.

of the County of Liberty

in the State of Montana, am the owner of the hereinafter described land  
upon which a well for oil or gas was drilled, to-wit:

Operator Bridger Petroleum Corporation

Lease Name Meissner Ranches

Well No. 1 Sec. 32 Twp. 35N Rge. 3E

The well is located 860 feet <sup>XX</sup><sub>N</sub> of the South  
line and 1980 feet <sup>E</sup><sub>XX</sub> of the West line.

That, in accordance with Regulation 233.6, Order No. 1-1,

November 30, 1953, I do hereby notify the Board of Oil and Gas

Conservation of the State of Montana of my desire to utilize said well

as a fresh water well; and, that if such utilization is approved, I do

hereby release and discharge the operator hereinabove named from any

further work or responsibility in relation to the plugging of said well.

Water Use: Domestic        Municipal        Stock X Other       

Industrial        Drainage        Irrigation       

Producing Depth 710 ft. Producing Formation Eagle

Yield of well        Annual Withdrawal       

WITNESS my hand and seal this 19th day of March, 1973.

Meissner Ranches, Inc.

By Frank Meissner (L.S.)

Landowner

Address Chester, Montana

IN THE PRESENCE OF:

Math Chittiga Address Chester, Montana

Math Chittiga Address Chester, Montana

APPROVED BY:

Board of Oil and Gas Conservation

Julian J. Latt  
Petroleum Engineer, Geologist, or Administrator

Dated: Mar 22, 19 73.



52,794

GW2

File No. ....

DUPLICATE

RECEIVED

T. 35 N. R. 6 East M. PM

County.....Liberty.....

STATE ENGINEER  
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Leonard Fritz Address Chester, MontanaDriller Orville Jacobson Address Chester, Montana

Date of Notice of Appropriation of Groundwater .....

Date well started 4/23/62 Date Completed 4/26/62Type of well drilled Equipment Used cable tools  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Top of Ground  
(Elev. above sea level 3200 feet)

1. Surface soil 0 to 4
2. Sandy yellow clay 4 to 15
3. Yellow clay and boulders 15 to 30
4. Blue clay 30 to 45
5. Blue clay and gravel 45 to 50
6. Gray clay 50 to 92
7. Sand white shells small water 92 to 95
8. Gray clay 95 to 100
9. Sand and gravel water 100 to 105
10. Dark gray sand, shale 105 to 120
11. Dark gray shale 120 to 130
12. Light gray shale 130 to 142

6 inch galvanized pipe  
143.6 feet

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8 inch	6 in. gal. 10½ lbs. per foot	18 in. above ground	142 below	slot	80 ft.	142 ft.

11. NW ¼ Sec 33 T. 35 N. R. 6 E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

12. Show exact depth of bottom.

142'

Static Water Level for non-flowing Well 105 feet.Shut-in Pressure for Flowing Well non-applicablePumping Water Level 130 feet at 3 gal. per minute.Discharge in gal. per min. of flowing well non-applicableHow Tested bailer Length of Test one hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) .....

Gravel packed from top to bottom; surface to becement slabNo. 42  
Driller's License NumberOrville Jacobson  
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

82296

STATE OF MONTANA, } ss.  
County of Liberty,

Filed May 18, 19 62

at 4:10 o'clock P. M.

Adrian Bremer

County Clerk

By Dora Heimburger

Deputy

Fee \$ 2.00

File No. ....

T. 35N R. 6E

DUPLICATE

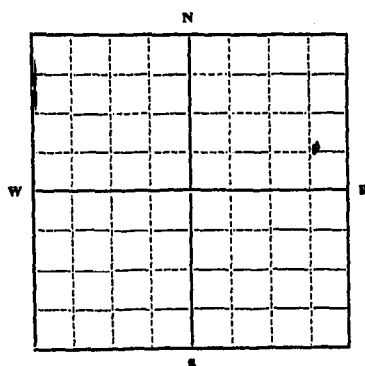
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

County LibertyRECEIVED  
JAN 6 1964

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Ole Jensen, of Chester (Town)  
(Name of Appropriator) (Address)  
County of Liberty State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 35 T. 35N R. 6E

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based.....  
Domestic & Farm Use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been..... 1950 - November - Continuously since then
4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... 10 Gallons Per Minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....  
Not Used for Irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
Jet Type Pump with Electric Motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... November 1950 - Jet Type Pump
8. The depth of water table..... 56 Feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater..... 6 In. Galvanized Tin Casing, Approximately 86 Feet Deep, Withdrawn with Jet Type Pump
10. The estimated amount of groundwater withdrawn each year..... 250,000 Gallons
11. The log of formations encountered in the drilling of each well if available..... Not Available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record..... Not Available

Signature of Owner

Date Dec. 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24590

84316

STATE OF INDIANA  
County of [unclear]  
FILED dec. 30 1963  
at 3:30 P. M.  
By Giles H. Hines  
By Alvin Thibault  
Fee \$ 2.00



# GROUNDWATER INDEX

Page 1 of 1

County Liberty

Twp. 35 N

Rge. ZE

[illegible]

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38687

File No. \_\_\_\_\_

T. 35 R. 7 E

DUPLICATE

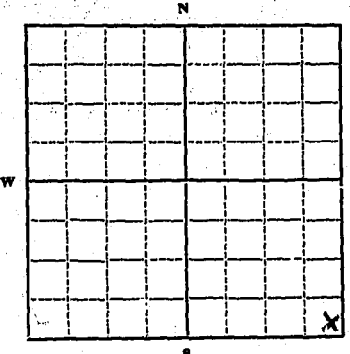
County Liberty

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 3 1963

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

1. Frank Hodges, of Box 142, Jeffers  
(Name of Appropriator) (Address) (Town)  
County of Liberty State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 2 T35 R. 7

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920  
used continuously for house

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gal minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
none used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1920

8. The depth of water table 35' to water

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.  
16.0  
drilled well  
1" bore

10. The estimated amount of groundwater withdrawn each year from 65,000 to 85,000

11. The log of formations encountered in the drilling of each well if available not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record don't know any

Signature of Owner Frank Hodges

Date 11-21-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

7710

STATE OF MONTANA,  
County of Liberty, } ss.

Filed Dec. 2 1963

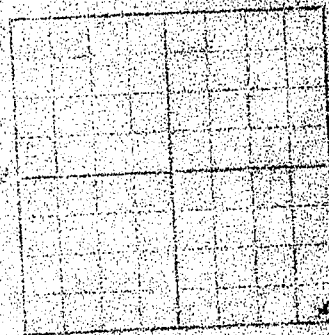
at 9:30 o'clock A. M.

By John D. [Signature] County Clerk

By [Signature] Deputy

Fee \$ 2.00

84007



OFFICE OF CLERK  
COUNTY OF LIBERTY  
MONTANA

RECORDED  
INDEXED

File No. \_\_\_\_\_

T. 35<sup>N</sup> R. 7<sup>E</sup>

DUPLICATE

County Liberty

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

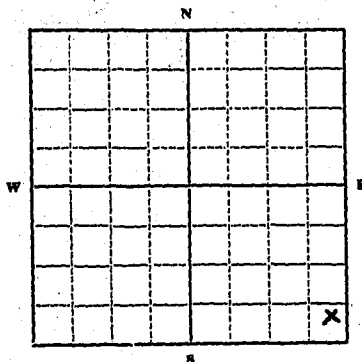
RECEIVED  
NOV 22 1968

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Island D. Hedger, of Box 87, Joplin  
(Name of Appropriator) (Address) (Town)  
County of Liberty State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 2 T. 35 R. 7

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based Domestic3. Date or approximate date of earliest beneficial use; and how continuous the use has been December 1957  
Used every day for home4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gal. minute5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
None used for irrigation6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Just pump7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Dec 19578. The depth of water table Depth to water 56'9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
Well is 180  
drilled well  
5" case10. The estimated amount of groundwater withdrawn each year approx 50,00011. The log of formations encountered in the drilling of each well if available none available12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record don't know of anySignature of Owner Island D. HedgerDate 11-20-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

7454 1

83950

STATE OF MONTANA  
County of Liberty

Filed Nov 20 19 63

at 2:40 o'clock P. M.

Gilbert Threiner  
County Clerk

By Alfred Kumbigwe  
Deputy

Fee \$ 2.00

RECEIVED  
B  
NOV 21 1963  
CLERK OF DISTRICT COURT  
LIBERTY COUNTY



File No. ....

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

County Liberty

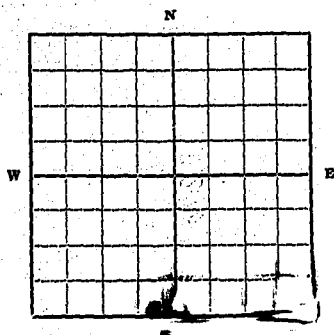
RECEIVED  
MAR 12 1962

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Francis I. Richter of Liblin, Montana  
(Name of Appropriator) (Address) (Town)

County of Liberty State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 11 T35 R7  
Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based  
Stock and Horse hold
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Fall of 1940  
Not been used for the last 5 yrs
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
3 million gals a year
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
No irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Construction of well with pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
Fall of 1940
8. The depth of water table  
85 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
This well has standard 6 in casing & is 11 ft deep
10. The estimated amount of groundwater withdrawn each year  
36,000
11. The log of formations encountered in the drilling of each well if available  
None available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.  
No records

Signature of Owner

Date

Francis I. Richter  
2/7/1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

1671

82101



RECEIVED

OCT 27 1972

County Liberty  
DRILLER'S LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD  
NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the driller with the County Clerk and Recorder in the county in which the well is located, and one copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Dean Hodges

Address Joplin, Mont.

Date well started Sept 25 1972

completed Oct. 7 1972

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

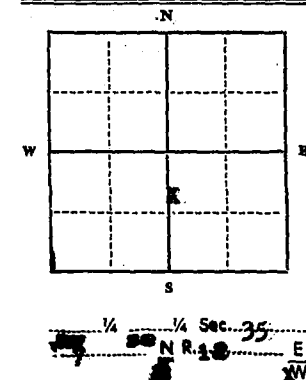
Industrial ☐ Drainage ☐ Other ☐ \* Garden/Lawn ☐

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 5256000 gals

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
13"	10 3/4	0	89	cemented		
8"	7 5/8	0	170	slotted	140	150



Static water level 20 ft.\*  
Pumping water level 50 ft.\*  
at 40 gallons per minute,  
measured 60 minutes after pumping  
began.

\*Measured from ground level.  
Well developed by bailing  
for 2 hours.

Power          Pump          HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

cemented 10 3/4  
gravel pack 7 5/8

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Dean Hodges

Driller's Address Shelby, Mont. Box 100

LICENSE NO. 99

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

From (Feet)	To (Feet)	
0	30	sandy soil
30	70	gray sand
70	75	gray sand water
75	145	gray shale
145	150	gray sand water
150	170	gray shale

Show exact depth of bottom

H.F.

51,694



Department of Natural Resources and Conservation  
Resources Division  
Engineering Bureau  
Groundwater Section  
Sam W. Mitchell Building  
Helena, Montana 59601

Owner Mr. Dean Hodges  
Address Joplin, MT 59531  
Location T. 7N R. 12E Sec. 35  
Doc. No. 92817

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

**Special Instructions:** Please check the well location as indicated in red on the attached form. According to your location of Section 35, T. 7 N-- R. 12 E. the well is in western Wheatland County. Possibly the correct location would be more like T. 35 N-- R. 7 E?

JAN 29 1973

Thank you,

Dear Sir:

The correct location of well is T. 35 R. 7 S. 12.

Thank you,  
Mrs. Dean Hodges

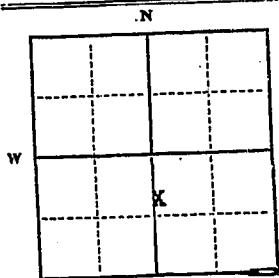
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 5256000 gals

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
13"	10 3/4	0	89	cemented		
8"	7 5/8	0	170	slotted	140	150



Static water level 20 ft.\*  
Pumping water level 50 ft.\*  
at 40 gallons per minute,  
measured 60 minutes after pumping began.

\*Measured from ground level.  
Well developed by bailing  
for 2 hours.

Power Pump HP  
Remarks: (Gravel packing, cementing, packers, type of shut-off)

cemented 10-3/4  
gravel pack 7-5/8

INDICATE LOCATION OF WELL AND PLACE OF USE IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Harold E. Smith

Driller's Address Shelby, Mont. Box 677

LICENSE NO. 99

170 Show exact depth of

51,694

County. Liberty

OCT 27 1972

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner ...Dean...Hodes

Address ---Joplin,---Mont.

Date well started ~~Sept 25~~ 1972

completed Oct. 7, 1972.

Type of well ...Drilled

(Dug, driven, bored or drilled)

Equipment used -- Churn

.....  
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

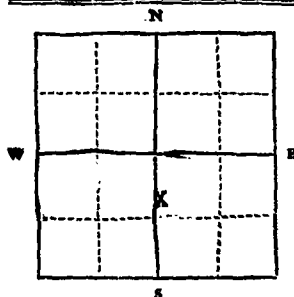
Industrial ☐ Drainage ☒ Other ☒ Garden/Lawn ☐

\*Describe\*

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL ..... 5258000 cals

Size of Drilled Hole	Size and Weight of Castor	From (Feet)	To (Feet)	PERFORMANCES		
				Kind Size	From (Feet)	To (Feet)
13"	10 3/4	0	89	cemented		
8"	7 5/8	0	170	slotted	140	150



Static water level ..... 20 ..... ft.  
Pumping water level ..... 52 ..... ft.  
at ..... 48 ..... gallons per minute,  
measured ..... 60 minutes after pumping  
began.

\*Measured from ground level.

Well developed by bailing  
for 2 hours.

Power..... Pump..... HP

Remarks: (Gravel packing, cementing,  
packers, type of shutoff) .....

cemented 10 3/4  
gravel pack 7 5/8

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

Driller's Address Shelby, Mont. Box 622

LICENSE NO...99

## Top of Ground

(Elev. above sea level)

## DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

[illegible]

Show exact depth of bottom

176

51.694

GV

File No. ....

DUPLICATE

*Location?*

T. 35 N. R. 67 E.

County Liberty

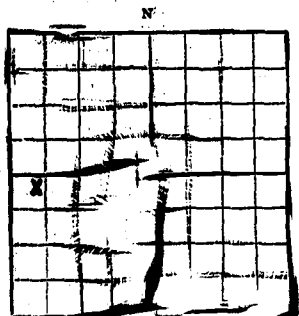
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**RECEIVED**  
JAN 23 1962

**Declaration of Vested Groundwater Rights**  
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Mrs. Mae Burton, of Liberty,  
(Name of Appropriator) (Town)  
County of Liberty State of Montana  
have appropriated groundwater According to the Montana laws in effect January 1, 1962, as follows:



Sec. 14, T. 35 N. R. 67 E.  
Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The benefit which the claim is based

3. Date or approximate date of earliest beneficial use; and how continuous the use has been October 7, 1961.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gallons per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump

7. The date of commencement and completion of the construction of the well, well or other works for withdrawal of groundwater Commenced Sept. 9, 1960. Completed Oct. 7, 1961.

8. The depth of water table 14 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 30 feet depth; 30" concrete tile pipe.  
water well.

10. The estimated amount of groundwater withdrawn each year Undetermined.

11. The log of formations encountered in the drilling of each well if available Clay.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Mrs. Mae Burton

Date January 19, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

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(1947)

Filed January 19 1962  
at 5:00 o'clock P. M.  
Arthur J. [Signature]  
County Clerk  
By [Signature] Deputy  
Fee \$ 2.00

81935

CONFIDENTIAL

Figure 1

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